



ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಲಿನತೆ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
Karnataka State Pollution Control Board

"ಪಂಸರಾಭವನ", 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ಸಂ.49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ

"Pansara Bhavana", 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka, INDIA

No. KSPCB/SEO(Non-EIA)/CFE/LR/2013-14/H/1110

DATED: 13 SEP 2013

To,
The Chairman and Managing Partner,
M/s Sagitaur Ventures India Pvt Ltd,
Velankani Campus, Building 1,
South Wing, Ground Floor, 43,
Electronic City, Phase II, Hosur Road,
Bangalore-560 001

DESPATCHED

Sir,

Sub: Consent for Establishment for 200 MW Power Generation using Solar Energy Project at Sy No 343 of Varavu Kaval, Challakere Taluk, Chitradurga District, by M/s Sagitaur Ventures India Pvt Ltd - reg.

- Ref:**
1. CFE application received at Regional Office, KSPCB, Chitradurga on 20.3.2013
 2. Inspection of the proposed project site by Environmental Officer, KSPCB, Regional Office, Chitradurga on 14.2.2013 and 16.3.2013.
 3. Office Memorandum of MOEF,GOI, Dated:13-05-2011.
 4. Endorsement to the industry vide No.1146, Dated: 10-06-2013.
 5. Hon'ble National Green Tribunal, Chennai (SZ) Order Dated : 21-08-2013.
 6. Proceedings of the CCM held on 26.8.2013.

The Chairman & Managing Director of M/s. Sagitaur Ventures India Pvt Ltd has approached the Board in the month of March 2013 seeking Consent for Establishment of the Board under the Water (Prevention & Control of Pollution) Act 1974, and Air (Prevention & Control of Pollution) Act 1981 to establish 200 MW Power Plant generation using solar energy.

Further the project proponent vide his letter dated 6th May 2013 furnished additional details on the status of the project including status on the Appeal before National Green Tribunal Chennai (SZ), and also submitted the copy of the Office Memorandum dated:13-05-2011 issued by MOEF, New Delhi clarifying that the Solar power projects are not covered under the ambit of EIA Notification 2006 and No Environment Clearance is required for such project.

In view of the applications pending before National Green Tribunal, Chennai (SZ) the Board has issued an Endorsement on 10-06-2013 stating that issue of consent for Establishment for the proposed project will be considered only after the outcome of the decision from NGT

A. Udaya Kumar
SENIOR ENVIRONMENTAL OFFICER

Subsequently Hon'ble National Green Tribunal, Chennai (SZ) passed order on 21-08-2013 directing the Board to process the applications made by the project proponent and pass an appropriate order as per the provisions governing the Pollution Control Board within 2 weeks.

Consequent to the Hon'ble National Green Tribunal, Chennai directions the subject on issue of Consent for Establishment for the said project was placed before the Consent Committee Meeting of the Board held on 26-08-2013. The Committee deliberated in detail on Project Vis-à-vis clarifications issued by MOEF on applicability of EIA Notification for the said project. Further deliberated on the stand taken earlier by the Board and orders passed by Hon'ble National Green Tribunal, Chennai (SZ) and recommended for issue of CFE with condition the CFE is subject to final orders to be passed by the NGT.

In view of the above, the Board hereby accords Consent for Establishment under the Water (Prevention & Control of Pollution) Act 1974, and Air (Prevention & Control of Pollution) Act 1981, for establishment of an 200 MW Solar Power Plant Project at Sy No 343 of Varavu Kaval, Challakere Taluk, Chitradurga District, by M/s Sagitaur Ventures India Pvt Ltd subject to final order to be passed by the NGT with the following conditions:

1. This consent for establishment is valid for a period of five years from the date of issue.
2. The applicant shall not undertake expansion/diversification without the prior consent of the Board.
3. The applicant shall obtain necessary license/clearance from other relevant statutory agencies before taking up construction.
4. If the area is found to be in Forest land the applicant shall obtain necessary forest clearance.

I. WATER CONSUMPTION:

The source of water shall be from Borewell and the water consumption details are as below:

Purpose	Quantity of Consumption	Quantity of Discharge
Domestic	7.5 KLD	6 KLD
Washings	15 KLD	13.5 KLD (Recycled)

II. WATER POLLUTION CONTROL:

1. The domestic wastewater shall be treated in DEWATS system of capacity 10 KLD consisting of Oil & Grease Trap, Settlers, Anaerobic filters, Oxidation Pond and Polishing Pond to the standards stipulated in Annexure - I.
2. The entire treated domestic waste water/sewage shall be utilized for gardening/irrigation within the premises.
3. There shall not be any generation/discharge of trade effluents from the process.
4. The waste water generated from cooling shall be completely recycled.

III. WATER CESS:

1. The industry shall comply with the provisions of Water (Prevention and Control of Pollution) Cess Act, 1977, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said Water (Prevention and Control of Pollution) Cess Act, 1977, and 2003.


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IV. AIR POLLUTION CONTROL:

1. The type of emissions, rate of emissions, tolerance limits, stack heights and the air pollution control equipment for the air pollution control sources to be installed shall be as specified in **Annexure-II**
2. The discharge of emissions from the air pollution sources shall pass through the stacks/chimneys mentioned in **Annexure-I** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under.

V. NOISE POLLUTION CONTROL:

1. The industry shall ensure that the ambient noise levels within its premises shall not exceed the limits specified in the Environment (Protection) Rules.
2. The applicant shall provide acoustic measures to the DG Sets as per SI. No. 94 in Schedule-I of Environment (Protection) Rules.

VI. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The industry shall collect, treat and dispose off all solid waste generated from the process other than wastes covered under the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008, in such manner so as not to cause environmental pollution.
2. Industry shall submit an action plan/details for collection, storage & disposal of damaged solar voltaic cells.

VII. HAZARDOUS WASTES (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES 2008:

The industry shall apply and obtain authorization under Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008, and comply with the conditions of the authorization. The applicant shall apply for authorization along with the consent for operation (CFO) application under the Rules in Form-I to obtain authorization and comply with conditions.

VIII. GENERAL:

1. The industry shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
2. The industry shall not commission the proposed plant for trial or regular production unless necessary air pollution control equipments are installed to the satisfaction of the Board. The industry shall ensure that the treatment plant and control equipments are completed and commissioned simultaneously along with construction of the factory and erection of machineries.
3. The applicant shall comply with all the Rules and guidelines issued from time to time.
4. The industry shall not change or alter (a) raw materials or manufacturing process, (b) change the products or product mix (c) the quality, quantity or rate of discharge/emissions and (d) install/replace/alter the water or air pollution control equipments without the prior approval of the Board.
5. The applicant shall immediately report to the Board of any accident or unforeseen act or event resulting in release or discharge of effluents or emissions or solid wastes etc., in excess of the standards stipulated, and the applicant shall immediately take appropriate corrective and preventive actions under intimation.

A. Vedaya Kumar
SENIOR ENVIRONMENTAL OFFICER

6. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
7. This CFE does not give any right to the Party/Project Authority to forego any legal requirement, which is necessary for setting/operation of the project.
8. The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at his cost, failing which, the applicant/occupier as the case may be shall be liable to pay the entire cost of remediation or restoration and pay in advance an amount equal to the cost estimated by Competent Agency or Committee.
9. The applicant shall provide rain water harvesting system and shall provide proper storm water management system.
10. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court
11. The industry shall furnish point wise compliance to the conditions given under this consent for establishment within 30 days.

Please note that this is only consent for establishment issued to you to proceed with the formalities for establishment of the industry and does not give any right to proceed with trial/regular production. For this purpose, separate consents of the Board for discharge of liquid effluent and the emissions to the air shall have to be obtained by remitting prescribed consent fee. The application for consent has to be made 45 days in advance of commissioning for trial production of the plant.

The receipt of this letter may please be acknowledged.

FOR AND ON BEHALF OF
KARNATAKA STATE POLLUTION CONTROL BOARD

Encl: Annexure-I to II.

Sd/-
SENIOR ENVIRONMENTAL OFFICER

COPY TO:

1. The Environmental Officer, Regional Office, Chitradurga for information and necessary action. He is directed to inspect the site and submit quarterly compliance report.
3. Master copy (Despatch)
4. Office copy

A. Vidya Kumar
SENIOR ENVIRONMENTAL OFFICER

ANNEXURE-I

ON LAND FOR IRRIGATION

Sl. No.	Characteristics	Tolerance limits
1.	pH	5.5 - 9.0
2.	Total Suspended Solids, mg/l. max	30
3.	Bio-chemical Oxygen Demand (BOD), mg/l (5 days at 20 ^o C) max	20
5.	Total Residual Chlorine, mg/l	01
6.	Oil and Grease, mg/l	10

Note: All efforts should be made to remove colour and unpleasant odour as far as practicable.

TABLE

HYDRAULIC LOADING APPLICABLE FOR DIFERENT SOILS

Sl.No.	Soil Texture	Loading rate in M ³ /Hec/day
1	Sandy	225 to 280
2	Sandy Loam	170 to 225
3	Loam	110 to 170
4	Clay Loam	055 to 110
5	Clayey	035 to 055

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 SENIOR ENVIRONMENTAL OFFICER

ANNEXURE - II

Chim No.	Chimney attached to	Minimum chimney height to be provided above ground level	Rate of emission NM ³ /Hr.	Contaminants to be controlled in the emission	Tolerance limits mg/NM ³	Air pollution Control equipment to be installed, in addition, to chimney height as per CoQ (3)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
	2	3	4	5	6	7	8
1	250 KVA DG Set	5 mt ARL	-	SO ₂	-	Acoustic enclosure	Before commissioning.

1) The emission rate of all chimneys shall be reported within 30 days.
 2) Details of D.G. Sets if any like KVA rating, fuel consumption in Kg/Hr., Chimney height above roof level and dia to be furnished within 30 days. D.G. Sets and other noise generating machinery to be provided with silencers/Mufflers to reduce the noise pollution.
 3) There shall be no smell or odour nuisance from the industry.
 4) There shall be no other sources of air pollution

A. Udang
 SENIOR ENVIRONMENTAL OFFICER